

ADOPTIONS

Sub 8
8.1-8.2
6/20/94

At N.J.A.C. 7:27-16.18(c)1 and (d)1, the Department has simplified the format for describing regulated leaks by replacing "leak" with "regulated leak" at N.J.A.C. 7:27-16.18(c) and (d) and removing proposed N.J.A.C. 7:27-16.18(c)1 and (d)1.

At N.J.A.C. 7:27-16.18(f)11, (h)11 and (i)11, the Department has corrected an error of omission by adding "agitators" to the lists of components that are required to be tested annually. Table 18B specifies a concentration of 10,000 ppm or greater as the leak detection threshold for agitators and the preamble to the proposal indicates that the Department intended to require the monitoring of all moving parts, including agitators, in light liquid service. See 25 N.J.R. 3358. Therefore, the Department has added agitators to the lists of other components with moving parts that must be tested annually.

At N.J.A.C. 7:27-16.23(a)1, the Department has added the phrase "not including periods of equipment downtime" to clarify, consistent with long-standing Departmental practice and policy, that the calculation of an average emission rate should not include periods when the equipment is not in use.

At N.J.A.C. 7:27-23.2, the definition of "Regulated Organic Compound or ROC" has been removed because the term is not used. At N.J.A.C. 7:27A-3.10(e)16, the citations N.J.A.C. 7:27-16.6(g) and N.J.A.C. 7:27-16.18(g) have been corrected to N.J.A.C. 7:27-16.16(g) and N.J.A.C. 7:27-16.18(q) respectively. Other citations have been corrected due to change of location of provisions upon adoption. No changes in the penalty amounts have been made and no new penalties have been added upon adoption.

Upon adoption, the Department has made other minor changes consisting only of corrections of punctuation or corrections that are strictly typographical or grammatical in nature.

Full text of the adoption follows (additions to proposal indicated in boldface with asterisks *thus*; deletions from proposal indicated in brackets with asterisks *[thus]*):

7:27-1.4 Definitions

The following words and terms, when used in this chapter, have the following meanings, unless the context clearly indicates otherwise.

... "ASTM" means the American Society for Testing and Materials.

... "Open burning" means any fire from which the products of combustion are emitted directly into the open air, and are not by design directed through a stack or chimney.

7:27-2.1 Definitions

The following words and terms, when used in this subchapter, have the following meanings, unless the context clearly indicates otherwise.

... "Open burning" means any fire from which the products of combustion are emitted directly into the open air, and are not by design directed through a stack or chimney.

... "Open burning" means any fire from which the products of combustion are emitted directly into the open air, and are not by design directed through a stack or chimney.

7:27-8.1 Definitions

The following words and terms, when used in this subchapter, have the following meanings, unless the context clearly indicates otherwise.

... "Volatile organic compound" or "VOC" means any compound of carbon*[, excluding]* (other than* carbon monoxide, carbon dioxide, carbonic acid, metallic carbonates, metallic carbides, and ammonium carbonate*[,]**) which participates in atmospheric

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photochemical reactions. For the purpose of determining compliance with emission limits or content standards, VOC shall be measured by test methods *in the approved SIP (such as N.J.A.C. 7:27B-3) or 40 CFR Part 60, Appendix A, as applicable, or* which have been approved in writing by the Department *and are acceptable to EPA*. This term does not include the compounds which EPA has excluded from its definition of VOC in the list set forth at 40 CFR 51.100(s)(1), which is incorporated by reference herein, together with all amendments and supplements. The list at 40 CFR 51.100(s)(1) currently includes the compounds and the classes of perfluorocarbons set forth below:

methane
ethane
methylene chloride (dichloromethane)
1,1,1-trichloroethane (methyl chloroform)
trichlorofluoromethane (CFC-11)
dichlorodifluoromethane (CFC-12)
trifluoromethane (HFC-23)
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
chloropentafluoroethane (CFC-115)
chlorodifluoromethane (HCFC-22)
2,2-dichloro-1,1,1-trifluoroethane (HCFC-123)
2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
1,1-dichloro-1-fluoroethane (HCFC-141b)
1-chloro-1,1-difluoroethane (HCFC-142b)
pentafluoroethane (HFC-125)
1,1,2,2-tetrafluoroethane (HFC-134)
1,1,1,2-tetrafluoroethane (HFC-134a)
1,1,1-trifluoroethane (HFC-143a)
1,1-difluoroethane (HFC-152a)

Classes of perfluorocarbons:

cyclic, branched, or linear, completely fluorinated alkanes
cyclic, branched, or linear, completely fluorinated ethers with no unsaturations
cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations
sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine

If there is any conflict between the list at 40 CFR 51.100(s)(1) and the list set forth above, the list at 40 CFR 51.100(s)(1) shall control.

7:27-8.2 Applicability

(a)-(b) (No change.)

*(c) Notwithstanding the definition of the term VOC in this subchapter, the provisions of this subchapter which apply to VOC shall also apply to Group II TXS listed in N.J.A.C. 7:27-17.3 Table 1.]

SUBCHAPTER 16. CONTROL AND PROHIBITION OF AIR POLLUTION BY VOLATILE ORGANIC COMPOUNDS

7:27-16.1 Definitions

The following words and terms, when used in this subchapter, have the following meanings, unless the context clearly indicates otherwise.

... "Actual emissions" means the rate at which an air contaminant is actually emitted, either directly or indirectly, to the outdoor atmosphere, in units of mass per calendar year, seasonal period, or other time period specified in this subchapter.

"Agitator" means an apparatus with an external seal used to shake, stir, or mix material in an enclosed vessel.

... "Applicable VOC" means any VOC which has a vapor pressure or sum of partial pressures of organic substances of 0.02 pounds per square inch (1.0 millimeters of mercury) absolute or greater at standard conditions.